

REMARKS

The Patent Examiner has rejected claims 37-46, 80, 95 and 96 under 35 U.S.C. §251 as constituting an improper capture of subject matter surrendered during the application for the original patent. Applicant agrees and has canceled these claims. Claim 79 has also been canceled.

The Patent Examiner has rejected claim 62 as unpatentable under 35 U.S.C. §112 for the reason that the original disclosure fails to disclose that the "heating chamber is generally cone-shape". Applicant respectfully traverses this ground for rejection. Specifically, FIG. 2 of the patent drawing clearly shows that the mixing chamber is cone shaped.

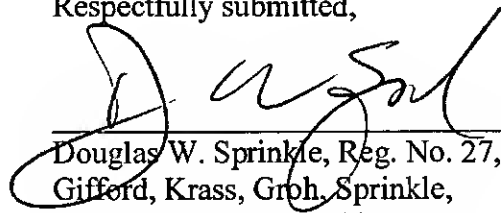
The obvious typographical error of claim 66 has been noted and corrected by this amendment.

The Examiner's objection to claim 86 under 35 U.S.C. §112 has been duly noted and corrected. Specifically, the phrase "is in a crank mode" has been replaced by "during engine startup". A similar amendment has also been made to claims 90 and 97 thus overcoming the Patent Examiner's rejection of those claims under 35 U.S.C. §112.

Lastly, although the Examiner has required surrender of the original blue ribbon patent, such surrender is no longer required; see MPEP 1416.

In view of the foregoing, Applicant respectfully submits that this case is in condition for formal allowance and such action is respectfully solicited.

Respectfully submitted,



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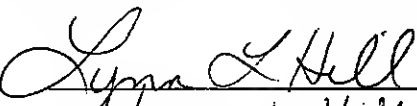


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Lynn L. Hill